## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	90	biodegradable with (vegetable adj oil) and "508". clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 09:29
L2	56	triester near (\$5glycerin or (polyhydr\$4 near alcohol))	FPRS; EPO; JPO; DERWENT	OR	ON	2010/09/14 09:30
S16	1	"20070191240".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 08:47
S17	578	"SUDA, SATOSHI".in. or "YOKOTA, HIDEO".in. or "IBI, MASANORI".in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/09/14 08:48
S18	799	S17 or "NI PPON OIL CORPORATI ON".as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/09/14 08:49
S19	91	S18 and (\$5glycerin or (polyhydr\$4 near alcohol))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/09/14 08:49
S20	69	S19 and ((dihydrocarbyl near polysulfides) or (sulfidized near esters) or (zinc near dithiophosphate) or (zinc near dithiocarbaminate) or (molybdenum near dithiophosphate) or (molybdenum near thiocarbaminate) or "phosphoric acid esters" or "phosphorous acid esters" or phosphorothionates)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/09/14 08:57
S21	695	508/485,486.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 08:57

\$22	66	S21 and (\$5glycerin or (polyhydr\$4 near alcohol)) and ((dihydrocarbyl near polysulfides) or (sulfidized near esters) or (zinc near dithiophosphate) or (zinc near dithiocarbaminate) or (molybdenum near dithiophosphate) or (molybdenum near thiocarbaminate) or "phosphoric acid esters" or "phosphorous acid esters" or phosphorothionates)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 08:58
S23	5	("20020035043"   "4506533"   "5538654"   "6300292"   "6383992").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 09:00
S24	488	"3657123"(USPAT) "4101346"(USPAT) "4149983"(USPAT) "4243537"(USPAT) "4260502"(USPAT) "4283293"(USPAT) "4303540"(USPAT) "4312768"(USPAT) "431153"(USPAT) "4359393"(USPAT) "4359393"(USPAT) "4381264"(USPAT) "4381264"(USPAT) "4490413"(USPAT) "4409113"(USPAT) "4414121"(USPAT) "4428851"(USPAT) "4485640"(USPAT) "4487705"(USPAT) "4487705"(USPAT) "4539128"(USPAT) "4559153"(USPAT) "4578202"(USPAT) "4578201"(USPAT) "4828730"(USPAT) "4828730"(USPAT) "4828730"(USPAT) "4828731"(USPAT) "4828731"(USPAT) "4832860"(USPAT) "4832860"(USPAT) "4838891"(USPAT) "4938891"(USPAT) "4938891"(USPAT) "4956110"(USPAT) "4957641"(USPAT)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14

		"4957651"(USPAT) "5290422"(USPAT) "5391310"(USPAT) "5518640"(USPAT) "5584201"(USPAT) "5668093"(USPAT) "5798322"(USPAT) "5866521"(USPAT) "5877129"(USPAT) "5908816"(USPAT) RE31242 (USPAT)				
\$25	256	metal near (lubrica\$5 or fluid or oil) and (fatty or carboxylic) near acid with (oleic or linoleic) and ((dihydrocarbyl near polysulfides) or (sulfidized near esters) or (zinc near dithiophosphate) or (zinc near dithiocarbaminate) or (molybdenum near dithiophosphate) or (molybdenum near thiocarbaminate) or "phosphoric acid esters" or "phosphorous acid esters" or phosphorothionates)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 09:01
S26	272	degree near \$3saturation and "508".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 09:02
S27	158	triester near (\$5glycerin or (polyhydr\$4 near alcohol))	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 09:03
S28	6	S27 and "508".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/14 09:03

## **EAST Search History (Interference)**

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9/ 14/ 2010 12:21:59 PM H:\ Workspaces\ 10584305.wsp